

CIC #: 99EPA EPA SUPERFUND PROGRAM

Billed Date: 01-Aug-2014

Customer Order Number: DW96942125

PASSAIC CPG OVERSIGHT 147757

EPA 598

**VOUCHER FOR TRANSFERS
BETWEEN APPROPRIATIONS AND/OR FUNDS (AR 37-1)**

Mission Assignment No:

BZ761

Accounts Of

D.O. Voucher No.BU. Voucher No.Bill No.Paid By Check No.Collection Vou. No.

27068832

Partial # 86 01-Jul-2014 Thru 01-Aug-2014

Billed Office (Mail To):

U S ENVIRONMENTAL PROTECTION AGENCY
ACCOUNTING OPERATIONS OFFICE
26 W MARTIN LUTHER KING DRIVE
CINCINNATI OH 45268-7002

Billing Office (Send Remittance To):

USACE FINANCE CENTER G5
KANSAS CITY DISTRICT G5
5720 INTEGRITY DRIVE

MILLINGTON TN 38054-5005

Billed Accounting Classification

068 068 X 8145.0000 2007 00 0000 000000000000 00000

Billing Accounting Classification

\$142,679.95 096 NA X 3122.0000 G5 08 2416 868 022125 96231

\$142,679.95

Line Item	Moa	Description	Eaid No	Amount
1	CONTRACT - OUTSIDE GOVERNMENT	PVT SCTR CONTRACTUAL ARCHITECTURAL & ENGINEERING SERVICES (AE CONTRACTOR EARNINGS)		\$136,611.50
1	INHOUSE - LABOR	DEPARTMENTAL OVERHEAD COSTS		\$1,798.06
1	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS		\$524.44
1	INHOUSE - LABOR	LABOR		\$3,745.95
Subtotal:				\$142,679.95

CORPS CERTIFICATION
"I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND OR
THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT
REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE. AND
SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR
FUNDS AS INDICATED."

3 Sep 14 *Elizabeth A. Franklin*
DATE

SIGNATURE
Elizabeth A. Franklin
Project Manager

Total Billed Amount:	\$142,679.95
Less Partial Amount Paid:	\$0.00
Payment Due Date: 31-Aug-2014	Pay This Amount: \$142,679.95

Funds Authorized: \$10,900,000.00
Total Billed Amount: \$9,067,127.49
Prev Billed Amount: \$8,924,447.54
Current Billed Amount: \$142,679.95
Total Flux Billed: \$0.00
Prev Flux Billed: \$0.00
Current Flux Billed: \$0.00

CERTIFICATE OF OFFICE BILLED
I certify that the above articles were received and accepted or the services performed as stated and
should be charged to the appropriation(s) and/or fund(s) as indicated above, or that the advance
payment requested is approved and should be paid as indicated.

Date:

Authorized Administrative or Certifying Officer

PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ
IA Number: DW96942125

MONTHLY REPORT FOR JULY 2014

	Revised Reimbursable (096X3122)	Direct Fund Cite	IA Totals (096X3122)
STATEMENT OF CHARGES FOR PERIOD:			
Total Funds Authorized:	\$10,900,000.00	\$0.00	\$10,900,000.00
Less Total Expenditures: (-)	\$9,067,127.49	\$0.00	\$9,067,127.49
Less Undelivered Orders: (-)	\$1,572,895.88	\$0.00	\$1,572,895.88
Less Commitments: (-)	\$13,796.02	\$0.00	\$13,796.02
Funds Available Balance:	\$246,180.61	\$0.00	\$246,180.61

BILLING ACTIVITY (096X3122):	
Bill Number:	27068832
Funds Expended During Report Period:	\$142,679.95
Total Billed to Date:	\$9,067,127.49
DIRECT FUND CITE PAYMENTS:	
Funds Expended During Report Period:	\$0.00
Total Expended to Date:	\$0.00

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PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ
IA Number: DW96942125

Bill Number: 27068832
Bill Invoice Date: 01-AUG-2014

Monthly Billing Amount(096X3122): \$142,679.95

Monthly Direct Fund Cite Contract Cost(068X8145): \$0.00

Budget Categories	Costs for Current Month	Prior Month's Summary	Project Costs to Date
a Personnel	\$2,341.22	\$163,641.54	\$165,982.76
b Fringe Benefits	\$1,404.73	\$87,424.35	\$88,829.08
c Travel	\$0.00	\$17,337.41	\$17,337.41
d Equipment	\$0.00	\$0.00	\$0.00
e Supplies	\$0.00	\$0.00	\$0.00
f Procurement	\$136,611.50	\$8,313,214.39	\$8,449,825.89
g Construction	\$0.00	\$0.00	\$0.00
h Other	\$0.00	\$185,344.97	\$185,344.97
i Total Direct Charges	\$140,357.45	\$8,766,962.66	\$8,907,320.11
j Total Indirect Charges	\$2,322.50	\$157,484.88	\$159,807.38
k TOTAL	\$142,679.95	\$8,924,447.54	\$9,067,127.49

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
SHELLY M ALLEN	KANSAS CITY DISTRICT	PROGRAM ANALYST	2.00	\$207.15
ELIZABETH FRANKLIN	KANSAS CITY DISTRICT	HTRW PROJECT MANAGER	42.00	\$5,604.33
JENNIFER L KOLARIK	KANSAS CITY DISTRICT	PROJECT MANAGEMENT SPECIAL	2.00	\$126.96

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PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

LABOR BREAKOUT FOR MONTH:

Individual -----	Location -----	Function -----	Hours -----	Labor Amount -----
JILL K. FRALEY	KANSAS CITY DISTRICT	SUPERVISORY GEOLOGIST	1.00 -----	\$130.01 -----
TOTAL LABOR:			47.00	\$6,068.45

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Progress Report for EPA Region II

Site:	Diamond Alkali, Lower Passaic River (Extended Study): RI/FS Oversight, New Jersey		Phase:	RI/FS, OU4	
Bill No.:	Partial #86 27068832	IAG No.: NWK	IAG: DW96942125/BZ761 IAG Award Date: 8/31/07	IAG Expiration Date: 3/31/18	Other Corps P2 #147757/FWI 96B4B2
Reporting Period:	From: July 1, 2014	To: August 1, 2014	EPA RPM Stephanie Vaughn		USACE PM Elizabeth Franklin
Work Performed					

Work Performed	<input type="checkbox"/> On 8 and 28 July 2014, participated in project progress conference calls with EPA/COE/CDM/LBG/HDR/BAT. <input type="checkbox"/> Funding. No funding received during the reporting period. <input type="checkbox"/> Team Calls. On 7, 14 and 28 Jul 14, participated in weekly manager's call. <input type="checkbox"/> CDM Task Order 0005 WVN 9. <ul style="list-style-type: none"> <input type="checkbox"/> On 22 Jul 14, received draft WVN 9 for review. <input type="checkbox"/> On 24 Jul 14, received draft chronology upon request. <input type="checkbox"/> On 28 Jul 14, discussed WVN with F. Tsang and the timing of WVN submittal. Several related tasks were in previous WVN and the two could have been combined. Decided to discuss future modeling needs prior to finalizing current WVN to combine upcoming efforts into this WVN if needed. <input type="checkbox"/> On 31 Jul 14, held conference call with CDM, HDR and EPA regarding future modeling submittals and changes to the planned scope of activities. <input type="checkbox"/> Anticipate a revised WVN to include additional modeling efforts in the next reporting period. <input type="checkbox"/> Invoice. TO 0005. On 10 Jul 14, reviewed and approved CDM Invoice #25, totaling \$133,143, for period 27 Apr – 24 May 14. <input type="checkbox"/> Invoice. LBG TO 0001. On 18 Jul 14, reviewed and approved LBG Invoice 30, which included \$3,468.50 for period 26 Apr – 23 May 14. Invoiced amount was for Kern Statistical efforts. <input type="checkbox"/> On 8 Jul 14, participated in conference call to discuss the initial observations on the BERA. <input type="checkbox"/> On 10 Jul 14, participated in conference call to discuss comments on the CSM. <input type="checkbox"/> On 28 Jul 14, participated in lessons learned session with EPA and CDM team. Discussed all aspects of RM 10.9 from design through capping and demobilization. <input type="checkbox"/> Schedule. CDM current deliverable table is dated 24 Jun 14. <input type="checkbox"/> Preparation of Progress Report and Project Expenditure spreadsheet.
Key Meetings This Period	<input type="checkbox"/> Regular project progress calls. <input type="checkbox"/> Other project calls and meetings as noted throughout this progress report.

Progress Report for EPA Region II

**Key Contract Milestones
Completed to Date**

- ☐ **MPI Task Order 0020: Contract W912DQ-06-D-0006, Expiration Date – 19 Sep 2012**
 - ☐ 21 Sep 07 – Base Task Order, CPG RI/FS Oversight awarded for \$349,601.
 - ☐ 19 Jun 08 – Modification 01, CPG RI/FS Oversight was awarded for \$274,903.
- ☐ **MPI Task Order 0010: Contract W912DQ-08-D-0017, Expiration Date – 15 Jan 2014**
 - ☐ 16 Jan 09 – Base Task Order, CPG RI/FS Oversight was awarded for \$65,000.
 - ☐ 5 Mar 09 – Modification 0001 was awarded for \$69,772.
 - ☐ 24 Jun 09/1 Jul 09 - Modification 0002 was awarded for \$49,756 (verbal on 24 Jun/written on 1 Jul).
 - ☐ 3 Aug 09 – Modification 0003 was awarded for \$378,843.
 - ☐ 28 Aug 09: Contract Mod 4 was awarded, totaling \$279,277.
 - ☐ 1 Sep 09, Mod 5 (admin in nature) was signed.
 - ☐ 29 Dec 09, Mod 6 was awarded, totaling \$211,881.
 - ☐ 9 Jul 10, Mod 7 was awarded, totaling \$52,890.
 - ☐ 28 Dec 10, Mod 8 was awarded, totaling \$54,473.
- ☐ **CDM Task Order 0014: Contract W912DQ-08-D-0018, Expiration Date – 30 Jul 2014**
 - ☐ 3 Aug 09 – Base Task Order, CPG RI/FS Oversight was awarded for \$160,000 (verbal was given 31 Jul 09)
 - ☐ 22 Aug 09: Contract Mod 1/TO 0014 was issued, totaling \$175,902.
 - ☐ 25 Aug 09; Mod 2 (admin in nature) was signed.
 - ☐ 23 Dec 09; Mod 3 was awarded, totaling \$493,000.
 - ☐ 3 Mar 10; Mod 7 was awarded, totaling \$283,000. (Numbering out of order due to electronic system error.)
 - ☐ 14 May 10; Mod 8 was awarded, totaling \$140,000.
 - ☐ 9 Jun 10; Mod 9 was awarded, totaling \$375,000.
 - ☐ 21 Oct 10, Mod 10 was awarded, totaling \$362,923 (note \$63,000 of this funding is from IA 2023).
 - ☐ 27 Dec 10, Mod 11 was awarded, totaling \$74,426 (note funding split as follows: \$50,000 is Passaic FFS, IA 1975 and \$24,426 is Newark Bay, IA 2023).
 - ☐ 4 May 11, Mod 12 was awarded, totaling \$682,426 (note funding split as follows: \$645,000 is IA 2023 and \$37,426 is IA 1975).
 - ☐ 19 Sep 11, Mod 13 was awarded, totaling \$150,000.
- ☐ **CDM Task Order 0005; Contract W912DQ-11-D-3004, Expiration Date – 15 Dec 2016**
 - ☐ 15 Dec 11 – Base Task Order, CPG RI-FS Oversight was awarded for \$770,000
 - ☐ 24 Jan 12 – Mod 1 (admin in nature) was signed.
 - ☐ 1 Jun 12 – Mod 2 was awarded, totaling \$1,059,312.
 - ☐ 7 Jan 13 – Mod 3 was awarded, totaling \$1,500,000.
 - ☐ 11 Jul 13 – Mod 4 was awarded, totaling \$1,250,000.
 - ☐ 14 Feb 14 – Mod 5 was awarded, totaling \$900,000.
- ☐ **LBG Task Order 0001; Contract W912DQ-11-D-3009, Expiration Date – 17 Nov 2016**
 - ☐ 26 Nov 13 – Mod 7 was awarded, IA funds totaling \$11,522 (for Kern Statistical).
 - ☐ 9 May 14 - Mod 9 was awarded, IA funding totaling \$64,533 (for Kern Statistical and RM 10.9 sample storage).

Progress Report for EPA Region II

<p>Contractor Actions/ Accomplishments</p>	<p>CDM</p> <ul style="list-style-type: none"> <input type="checkbox"/> Management. CDM participated in progress calls as noted throughout this report, prepared the CDM progress report, invoice, and participated in conference calls. Additional information may be found in the CDM Progress Report covering period June 29 – July 26, 2014. Information is also contained in daily email reports provided by CDM during specific fieldwork oversight efforts. <input type="checkbox"/> CDM Fieldwork Oversight. <ul style="list-style-type: none"> o Reviewed RM 10.9 pipeline survey SOW. o Continued validation of SSP2 split sample data. <input type="checkbox"/> CDM Fieldwork Oversight Reporting. <ul style="list-style-type: none"> o On 3 Jul 14, submitted the compiled CSM comments. HDR review of CSM is underway; comments expected next reporting period. o On 24 Jul 14, submitted PWCM comments. o On 1 Aug 14, submitted compiled CSM comments. <input type="checkbox"/> CDM Data Manager/Website/Digital Library. <ul style="list-style-type: none"> o Provided data management support to extract data sets for EPA, team members and partner agencies. o Ongoing effort to finalize validation and upload SSP2 split sample data. o Open issue regarding solids data from CWCM split samples; ongoing discussion with lab. o On 30 Jul 14, submitted an updated list of Sharepoint users list for review. <input type="checkbox"/> CSO/SWO Sampling Oversight <ul style="list-style-type: none"> o No activity. <input type="checkbox"/> River Mile 10.9 Removal Action Oversight. <ul style="list-style-type: none"> o On 28 Jul 14, participated in lessons learned conference call. Preparing lessons learned notes for submittal to project team. o Oversight summary report preparation underway. o Assisted EPA with LTMP correspondence to CPG. o Performed site inspection to investigate exposed rocks. <input type="checkbox"/> Modeling (HDR). <ul style="list-style-type: none"> o Review of CWCM ongoing; data issues being resolved. o Conference call with CPG model team regarding representation on cap material in model projections. o CSM comments were submitted to CDM. <input type="checkbox"/> CPG Risk Assessment. <ul style="list-style-type: none"> o On 18 Jul 14, completed review of the CPG Draft Baseline Human Health Risk Assessment and submitted comments. o On 21 Jul 14, participated in conference call with internal team to discuss the Draft BHHRA document and comments. o On 23 Jul 14, participated in conference call with EPA, USACE and Partner Agencies to discuss the Draft BHHRA o Review of the Baseline Ecological Risk Assessment continues. <input type="checkbox"/> Data Evaluation. <ul style="list-style-type: none"> o On 23 Jul 14, submitted revised figures showing TCDD concentrations in mudflats above RM 8. o Generated mudflat figures to include SSP2 data. <input type="checkbox"/> 17 Mile Schedules. CDM deliverable table is dated 24 Jun 14. CPG current schedule is dated 23 May 14.
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Progress Report for EPA Region II

Projected Work, Meetings Milestones FY2013. Current Status of Work Products (cont.)	
<i>Meetings</i>	• Continuation of bi-weekly progress calls and additional coordination meetings/conference calls with CPG.
<i>Key Milestones Forthcoming</i>	• As noted in the CPG schedules and/or verbal updates.
Issues	
<i>Technical:</i>	• Issues are worked in an ongoing basis as discussions held between the EPA and CPG.
<i>Schedule</i>	• EPA discusses schedule items with the CPG as needed.
<i>Funding:</i>	• None at this time.

IAG Summary: Technical Assistance						
Amendment Funding						
USACE	Direct Fund Cite	Amend #	Date	USACE	Direct Fund Cite	Total IAG
410,000	0	Initial	9/6/07	-	-	\$ 410,000
290,000	0	1	6/3/08	-	-	\$700,000
75,000	0	2	12/31/08	-	-	\$775,000
85,000	0	3	2/19/09	-	-	\$860,000
50,000	0	4	6/23/09	-	-	\$910,000
576,665	0	5	7/27/09	-	-	\$1,486,665
500,000	0	6	8/7/09	-	-	\$1,986,665
789,000	0	7	12/1/09	-	-	\$2,775,665
300,000	0	8	2/24/10	-	-	\$3,075,665
140,000	0	9	4/27/10	-	-	\$3,225,665
510,000	0	0	5/24/10	-	-	\$3,735,665
400,000	0	0	9/14/10	-	-	\$4,135,665
745,000	0	0	4/8/11	-	-	\$4,880,665
150,000	0	0	8/31/11	-	-	\$5,030,665
850,000	0	0	11/12/11	-	-	\$5,880,665
1,124,335	0	0	5/14/12	-	-	\$7,005,000
1,650,000	0	0	12/6/12	-	-	\$8,655,000
1,345,000	0	0	5/31/13	-	-	\$10,000,000
900,000	0	0	2/7/14	-	-	\$10,900,000

Progress Report for EPA Region II

Expenditures: USACE and Contract				
Summary of Funds Spent Per Activity & Funding Remaining				
Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
MPI: Contract W912DQ-06-D-0006; Task Order 0020; awarded 21 Sep 07	\$349,601.00	\$0.00	\$349,601.00	\$0.00
MPI: Contract W912DQ-06-D-0006; Task Order 0020/Mod 1; awarded 19 Jun 08	\$274,903.00	\$0.00	\$267,213.93	\$7,689.07
MPI: Contract W912DQ-08-D-0017; Task Order 0010; awarded 16 Jan 09	\$65,000.00	\$0.00	\$65,000.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 1; awarded 5 Mar 09	\$69,772.00	\$0.00	\$69,772.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 2; awarded 24 Jun 09	\$49,756.00	\$0.00	\$49,756.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 3; awarded 3 Aug 09	\$378,843.00	\$0.00	\$378,843.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 4; awarded 28 Aug 09	\$279,277.00	\$0.00	\$279,277.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 6; awarded 29 Dec 09 ^{Note 1}	\$211,881.00	\$0.00	\$211,881.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 7; awarded 9 Jul 10	\$52,892.00	\$0.00	\$52,892.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 8; awarded 28 Dec 10	\$54,473.00	\$0.00	\$19,780.45	\$34,692.55
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Base Contract; awarded 6 Aug 09 (verbal 31 Jul 09)	\$160,000.00	\$0.00	\$160,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 1; awarded 22 Aug 09	\$175,902.00	\$0.00	\$175,902.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 3; awarded 23 Dec 09 ^{Note 2}	\$493,000.00	\$0.00	\$493,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 7; 3 Mar 10 ^{Note 3}	\$283,000.00	\$0.00	\$283,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 8; awarded 14 May 10	\$140,000.00	\$0.00	\$140,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 9; awarded 9 Jun 10	\$375,000.00	\$0.00	\$375,000.00	\$0.00
CDM: Contract W912DQ-08-D-0017\8; Task Order 0014/Mod 10; awarded 21 Oct 10 ^{Note 4}	\$299,923.00	\$0.00	\$299,923.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 11; awarded 27 Dec 10 ^{Note 5}	See note 5	\$0.00	\$0.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 12; awarded 4 May 11 ^{Note 6}	\$645,000.00	\$0.00	\$645,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 13; awarded 19 Sep 11	\$150,000.00	\$0.00	\$137,307.00	\$12,693.00

Progress Report for EPA Region II

Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Base TO; awarded 15 Dec 11	\$770,000.00	\$0.00	\$770,000.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 2; awarded 1 Jun 12	\$1,059,312.00	\$0.00	\$1,059,312.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 3; 7 Jan 13	\$1,500,000.00	\$0.00	\$1,500,000.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 4; awarded 11 Jul 13	\$1,200,000.00	\$133,143.00	\$652,358.00	\$547,642.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 5; awarded 14 Feb 14	\$900,000.00	\$0.00	\$0.00	\$900,000.00
LBG: Contract W912DQ-11-D-3009; Task Order 0001/ Mod 7; awarded 26 Nov 13	\$11,522.00	\$0.00	\$11,522.00	\$0.00
LBG: Contract W912DQ-11-D-3009; Task Order 0001/ Mod 9; awarded 8 May 14	\$64,533.00	\$3,468.50	\$3,485.51	\$61,047.49
Subtotal - Summary of Contracts; awarded and avail. (total reflects blocks e + f + g on Page 2 IAG)	\$10,013,590.00	\$136,611.50	\$8,449,825.89	\$1,563,764.11
Kansas City Corps In-House Labor/Travel - 17 Mile	\$691,948.23	\$5,584.73	\$406,374.54	\$259,976.63
Kansas City Corps In-House Labor/Travel - RM 10.9		\$362.79	\$25,355.20	
Kansas City Corps In-House Labor/Travel - Tierra Pipeline Survey		\$120.93	\$241.86	
Superfund M&S Fee - 17 Mile	\$99,674.34	\$0.00	\$94,991.69	\$0.00
Superfund M&S Fee - RM 10.9		\$0.00	\$4,682.65	
MIPR/ERDC - Hayter/Gailani; CPG Modeling Support	\$58,287.43	\$0.00	\$58,287.43	\$0.00
MIPR/ERDC - Estes; Decon Technology Support	\$24,500.00	\$0.00	\$21,462.39	\$3,037.61
MIPR/ERDC - Hayter (replaces MIPR above/updated office symbols)	\$12,000.00	\$0.00	\$5,905.84	\$6,094.16
Subtotal - Summary of Labor/M&S Fee	\$886,410.00	\$6,068.45	\$617,301.60	\$269,108.40
Grand Total - Contract/Corps	\$10,900,000.00	\$142,679.95	\$9,067,127.49	\$1,832,872.51

Notes on above table:

Note 1: MPI/LBG TO 0010 Mod 5 is admin, zero dollar mod

Note 2: CDM TO 0014 Mod 2 is admin, zero dollar mod.

Note 3: CDM TO 0014 Mods 4, 5, & 6 were skipped in system numbering

Note 4: CDM TO 0014/Mod 10 totals \$362,923; \$63,000 is Newark Bay funding for IT transition.

Note 5: CDM TO 0014/Mod 11 totals \$74,426; \$50,000 is Passaic FFS funding and \$24,426 is Newark Bay funding for IT transition.

Note 6: CDM TO 0014/Mod 12 totals \$682,426; \$37,426 is Passaic FFS funding for IT/transition.

IAG Scope of Work Summary (block 13 of IAG)

This amendment obligates \$XX (see amounts above for base and amendments) to the U.S. Army Corps of Engineers - Kansas City District to provide/continue oversight of the CPG's performance of Remedial Investigation and Feasibility Study at the Diamond Alkali OU4 Superfund Site (EPA ID: NJD980528996)

Progress Report for EPA Region II

Project Delivery Team

<i>Name</i>	<i>Contact Information</i>	<i>Responsibility</i>
Beth Franklin	(816) 389-3581 Cell: (816) 695-5797	Project Manager
Josh Hill	(816) 389-3803	Contract Specialist
Shelley Thomas	(816) 389-3842	Contracting Officer
Jason Shippy	(816) 389-3721	Attorney
Julia Kisser	(816) 389-3874	COR

Prepared by: Elizabeth Franklin
Project Manager
3 September 2014

PROGRESS REPORT

Site Name: Lower Passaic River Restoration Project and & Superfund Site
Project: Task Order 6424.005 CPG Oversight
Prepared by: Frank Tsang
Representing: CDM Federal Programs Corporation (CDM Smith)
Date: June 10, 2014 (revised March 12, 2015)
Reporting Period: April 27, 2014 to May 24, 2014

The following structures reflect the WBS from TO 6424.005.

1. **Progress Made this Reporting Period** – CDM Smith performed the following activities during this period:

WAD 1, Work Order (WO) 1 – Project Management and Administration

1.1.1 Project Management

- CDM Smith performed project management including staffing, financial monitoring, invoicing, and participated in conference calls.
- CDM Smith prepared and submitted draft WVN 8 and ATP 14 on May 8, 2014. After receiving comments from the USACE, CDM Smith submitted a revised draft WVN 8 on May 20, 2014.

1.1.2 Project Support Documentation & Administration

- CDM Smith prepared and submitted the April 2014 monthly progress report.
- CDM Smith also submitted revised January and February 2012 monthly reports.

1.1.3 Subcontract Administration

- CDM Smith processed subcontractor invoices (HDR Engineering, Inc).

1.1.4 Project Communication

- On April 30 and May 13, 2014, CDM Smith updated agendas and participated in biweekly conference calls.
- On April 28, May 5, 12 and 19, 2014, CDM Smith prepared for and participated in weekly project status calls with EPA and USACE.

WAD 1, WO 2 – Community Relations/Public Website

1.2.1 Public Meeting Support

- No activity.

WAD 1, WO 3 – Senior Technical Advisors

1.3.1 Senior Technical Advisor

- Robert Prezant (senior technical advisor) updated and submitted to CDM Smith revised Draft Burial and Burrowing Depth of Infaunal Organism from the Passaic River, New Jersey technical memorandum on May 19, 2014 (see discussion under WO 4.3).
- Funding for this WO is \$56,000 thru WVN 7/ATP 13 approved on March 27, 2014.

- Subcontracts for Ambrose and Flood were in placed in March and April 2014 and shown in this reporting period.

Item	TAC Member	TAC Member Subcontract Ceiling*	Authorized Funding	Payment this Period	Payment to date	Remarks
1	Ambrose	\$6,400	\$0	\$0	\$0	Subcontract in place. POP to expire 11/30/2016
2	Flood	\$6,000	\$0	\$0	\$0	Subcontract in place. POP to expire 11/30/2016
3	Di Toro	\$0	\$0	\$0	\$0	EPA/USACE placed subcontract on hold
4	Clough	\$11,457	\$6,200	\$0	\$3,380	Subcontract in place. POP to expire 11/30/2016
5	Prezant	\$13,600	\$4,950	\$0	\$3,053	Subcontract in place. POP to expire 11/30/2016
Total		\$37,457	\$11,150	\$0	\$6,433	

*Subcontract Ceiling represents "available subcontract capacity" on each TAC member's respective subcontract. A subcontract modification is required when the dollar value of requested work exceeds a TAC Member's Subcontract Ceiling.

WAD 1, WO 4 – Technical Support (1.4.1)

1.4.1 Technical Support

- Hours charged (2 hours) to this WE (WE 1.4.1) in April 2014 were transferred to WE 1.1.4 in this reporting period.

WAD 2, WO 2 - Work Planning: Oversight & Communication

2.2.1 Technical Communication

- No Activity.

2.2.2 CPG Planning Documents Review

(Note: The effort of reviewing TSI RM 10.9 water main survey planning documents has been allocated to this WE until a new work element (WE 2.2.3) is established.)

- Initiated review of Tierra's RM 10.9 Piping Geophysical Surveys: Parametric Echosounder and Ground Penetrating Radar SOW, QAPP and HASP - Provided initial comments on the RM 10.9 Piping QAPP on May 20, 2014 and the RM 10.9 Piping HASP on May 20, 2014 via email.
- Sea Engineering reviewed the above SOW and submitted comments to CDM Smith.
- Some of the review hours (5 hours) were charged to subtask 2.6.1. These charges will be reallocated to this subtask next month.

2.2.3 TSI RM 10.9 Pipeline Survey Oversight (work element being developed)

- Charges will be transferred to this work element once it's developed in the formal project WBS. Until that time, work is performed using other RM 10.9 task and cost are tracked separately. The table below summarizes these costs:

Work Element	Cost prior to This Period	Cost This Period	Cost to Date
2.2.2 CPG Planning document Review	\$0	\$445	\$445
2.4.1 CPG Report Review	\$757	\$0	\$757
2.6.1 Planning Document Review	\$0	\$739	\$739
2.7.2 RM 10.9 Remedial Action Oversight	\$1,891	\$0	\$1,891
Total Cost	\$2,648	\$1,184	\$3,832

WAD 2, WO 3 – Field Work Sampling Oversight

2.3.1 CDM Smith Work Plan Preparation (QAPP & HASP)

- No activity.

2.3.2 Water Column, Chemical Data Oversight

- CDM Smith, LBG, and HDR reviewed the CPG high volume sample results, data tables, and data validation reports via conference call on May 5, 2014.
- Finalized validation of high volume split sample data.
- Initiated evaluation of HV-CWCM split sample data comparison.

2.3.3 RM 10.9 Oversight

- Work element closed. See WAD2 WO7 for RM 10.9 oversight work.

2.3.4 LRC Supplemental Sampling Oversight

- Paid Federal Express charges for sample shipment to long term storage location. (Note: Split Federal Express charges between WE 2.3.4 and WE 2.3.6.)

2.3.6 Background Sampling Oversight

- Paid Federal Express charges for sample shipment to long term storage location.
- Began split sample comparison of background tissue sample data results.

2.3.7 LRC SSP2 Oversight

- Continued validation of split sample data.

WAD 2, WO 4 – Report/Products: Oversight and Communications

2.4.1 CPG Report Review

- Completed review of CPG Draft High Volume Chemical Water Column Monitoring Sampling Program Characterization Summary, dated February 2014, Comments submitted on May 15, 2014. (Note that comments on the Draft Small Volume Chemical Water Column Monitoring Sampling Program Characterization Summary, dated February 2014 were submitted on April 1, 2014)
- Continued review of CPG Physical Water Column Monitoring Sampling Program Characterization Summary – Draft, dated March 2014.
- Initiated review of CPG response to comments on the 2008 Low Resolution Coring Characterization Summary, LPRSA RI/FS report dated April 2014.

WAD 2, WO 5 – Data Manager

2.5.1 Data Manager (Data/Information Transfer)

- Provided data management support and responded to questions from EPA/USACE, Lower Passaic River team, and partner agencies.
- Exported background data sets to post on public SharePoint site.
- Downloaded CPG's SSP2 dataset; initiated review and processing for uploading into Passaic River EQulS project database.
- Gathered available raw bathymetry data (2010, 2011 and 2012) and exported to hard disk provided by Tierra for transfer to same.

2.5.2 Database and Website Management

- Ongoing webpage support/and Enterprise interface support.
- Continued to provide webpage management support updating pages and announcements at the direction of the EPA/USACE.

WAD 2, WO 6 – CSO/SWO Sampling Oversight

2.6.1 Planning Documents Review

- 5 hours for review of Tierra's RM10.9 pipeline geophysical QAPP, SOW and HASP were charged to this subtask (2.6.1). These hours will be transferred to subtask 2.2.2 in the next reporting period.

2.6.2 CDM Work Plan Preparation

- No activity. No cost has been incurred under this WE to date, therefore no invoice sheet for this WE.

2.6.3 Laboratory Analysis and Coordination

- No activity.

2.6.4 Field Oversight and Collection of Split Samples

- Mobilization of staff to provide oversight of sampling event on April 30 and sample processing on May 1, 2014.
- 24 Hours of oversight from the April 30 and May 1, 2014 activities were inadvertently charged to subtask 2.7.2. These hours will be transferred to this subtask in the next reporting period.

2.6.5 Split Sample Comparison Report

- No activity. No cost has been incurred under this WE to date, therefore no invoice sheet for this WE.

WAD 2, WO 7 – RM 10.9 Removal Action Oversight

2.7.1 Report Review/Technical Support

- No activity.

2.7.2 Remedial Action Oversight

- Participated in the weekly management meetings on April 28, May 5, 12, and 19, 2014.

- Performed field oversight on April 27 to May 3, then again on May 8, 10, 12, and 21 to 30, 2014. Observations were made during installation of the geotextile fabric, armor stone and habitat layer installations, and leveling of armor stone layer.
- After the CPG completed the survey of the armor stone layer, CDM Smith expedited the review of the armor layer survey results and immediately provided comments to EPA/USACE.
- CDM Smith reviewed the Passaic River RM 10.9 Final Armor Survey Technical memorandum and provided comments to EPA/USACE. A conference call with EPA/USACE was held to discuss the comments.
- 24 hours of oversight were inadvertently charged to this subtask (2.7.2) these hours will be transferred to the correct subtask 2.6.4 in the next reporting period.

2.7.3 Sampling Analysis

- No Activity.

WAD 3, WO 1 - Modeling Support

- Project Management & Support
 - Prepared monthly invoice and writeup.
- Bi-Weekly Conference Calls
 - Attended May 13 and 27, 2014 bi-weekly calls.
- Project Review Conference Calls & Mod Meetings
 - No activities.
- Transfer of Model Codes/Support
 - Prepared timeline of model transfers for EPA/USACE.
- Field Oversight
 - Reviewed CWCM data and PWWCM report.
- Modeling Oversight
 - Analyzed CWCM data to investigate CPG proposed relationships between water and sediment concentrations.
 - Comments on Dr. Prezant's biota memo, call w / team May 13, 2014.
 - Reviewed and tested CPG carbon simplification code.
 - Reviewed CPG exposure depth compared to other potential analyses.

WAD 3, WO 2 - Modeling Collaboration with CPG

- Project Management and Support
 - Prepared monthly invoice and writeup.
- Weekly Conference Calls/Monthly Technical Meetings
 - Attended calls with Rooni Mathew to discuss CPG carbon model simplification (AOC) code.
- Identify Model Differences
 - No activity.
- Data Action and Model Action Items
 - Prepared non-cohesive critical shear stress for M&N.
 - Performed CWCM data comparison.
- Communication with EPA Project Team
 - No activity.

WAD 4, WO 2 – Review/Coordinate FFS Risk Assessment

- No activity.

WAD 4, WO 3 – Review/Coordinate CPG Risk Assessment

- Robert Prezant submitted a revised technical memorandum titled “Burial and Burrowing Depth of Infaunal Organism from the Passaic River, New Jersey” on May 19, 2014. CDM Smith distributed the technical memorandum to HDR for review.
- CDM Smith initiated the review of Dr. Prezant’s burial and burrowing document.
- Reviewed comment regarding application of inorganic arsenic and selenium speciation analytical results on risk analysis.

WAD 5, WO 1 – RI/FS Documents

- No activity.
- Review effort started in April 2014 continued under WE 2.4.1.

WAD 5, WO 2 – Data Evaluation

- Continued to formulate data presentation plans and evaluate potential approaches to better visualize and demonstrate site conditions.
- Evaluated application of geostatistical approach to characterize the contaminant distribution in the lower Passaic River. Identified next steps for utilizing the geostatistical approach to evaluate CPG’s characterization of the river.

2. **Anticipated Problems and Recommended Solutions** – None.
3. **Problems Resolved** – N/A.
4. **Upcoming Events/Activities Planned** – CDM Smith will continue working on the following activities:
 - Participate in biweekly calls and weekly status calls.
 - Review CPG and Tierra documents when received.
 - Continue database management and data upload.
 - Perform split sample evaluation of HV-CWCM data.
 - Review analytical data from CSO/SWO investigation.
 - Provide support on RM 10.9 demobilization oversight.
 - Continue to formulate data presentation plans.
 - Participate in RI/FS technical meetings.
 - Prepare lessons learned for RM 10.9.
5. **Key Staffing Changes** –Scott Kirchner and Katie Puckett assumed Sharon Budney’s responsibilities.
6. **Budget** – See attached cost spreadsheet for negotiated budget, funded amount, and expenditure details.

7. Deliverables Submitted

(For deliverables submitted prior to January 3, 2013, please see the April 2013 and earlier monthly reports.)

Title	Date Submitted
Submitted comments on River Mile 10.9 90 Percent Design	January 3, 2013
Submitted comments on RM 10.9 QAPP Addendum D	January 23, 2013
Submitted CDM Smith Field Change Request #13 - oversight of CPGs QAPP Addendum D Field Effort	February 13, 2013
Submitted comments on Updated Porewater SOPs RM 10.9 QAPP Addendum D	February 19, 2013
Submitted comments on Tierra's Validated Rinse Blank Results for the CSO/SWO sampling program	February 28, 2013
Submitted comments on Porewater SOP RM 10.9 QAPP Add D	March 1, 2013
Submitted comments on Draft Final RM 10.9 Design	March 22, 2013
Submitted comments on GW Seepage Measurement Field Mod	March 25, 2013
Submitted comments on CSO/SWO QAPP Revision 2	April 4, 2013
Submitted comments on RM 10.9 design draft WQMP	April 24, 2013
Submitted comments on Fall 2009 Benthic Invertebrate Community Survey and Benthic Field Data Collection, dated April 12, 2013	April 24, 2013
Submitted comments on Habitat Identification Survey Data Report, Fall 2010 Field Effort, dated April 12, 2013	April 24, 2013
Submitted comments on RM 10.9 Draft Water Quality Monitoring Plan	April 26, 2013
Submitted comments on RM 10.9 Removal Action Final Design Report	May 17, 2103
Submitted comments on RM 10.9 Draft Perimeter Air and Noise Monitoring Plan	May 23 & 28, 2013
Submitted comments on RM 10.9 Waterline Setback	May 24, 2013
Submitted comments on Tierra CSO/SWO Forensic Sample Results	May 16, 2013
Submitted comments on CPG Field Modification Form 130522-1 SSP2 Sediment Probing	May 29, 2013
Submitted comments on RM 10.9 Cap Design Review & Waterfront Development Permit Equivalent Conditions	June 3, 2013
Submitted comments on CSO-SWO LSM Method Blank Evaluation Report dated May 23, 2013	June 10, 2013
Submitted CDM Smith Field Change Request #14 – HV CWCM filtrate sample	June 12, 2013
Submitted comments on the RM 10.9 Final Design Response to Comments	June 13, 2013
Submitted comments on the RM 10.9 Final Design LTMM	June 13, 2013
Submitted comments on Pre-Dredge Bathymetry Survey Calibration & QC SOP	July 10, 2013
Submitted comments on Tierra's CSO/SWO QAPP Field Modifications dated June 6, 2013	July 12, 2013
Submitted comments on SV CWCM QAPP Addendum A WQM	July 15, 2013

Title	Date Submitted
Submitted comments on RM 10.9 Removal Action Operational Plans	July 16, 2013
Submitted comments on Response to RM 10.9 Design Comments	July 18, 2013
Submitted comments on Complete Pre-Dredge Bathymetry Survey	July 24, 2013
Submitted CDM Smith QAPP Addendum 13 WQM RM 10.9	August 9, 2013
Submitted comments on CPG Revised SSP2 Sampling Locations	August 13, 2013
Submitted comments on the bathymetry survey results	August 29, 2013
Submitted CDM Smith Field Change Request 15 Oversight of the CPG SSP2 Sampling	September 18, 2013
Submitted comments on the CPG Draft Low Resolution Coring Supplemental Sampling Program Addendum Sampling Program QAPP, September 2013	September 18, 2013
Submitted comments on RM 10.9 RA High Sub-Grade Sediment Sampling Plan, September 25, 2013	September 26, 2013
Submitted comments on CPG's RM 10.9 Post-Dredge Sediment Sampling Plan	October 4, 2013
Submitted comments on CPG Field Modification FM131009 for the SSP2 Sampling Event	October 15, 2013
Submitted comments on CPG Field Modification FM-131018 to move station 13B-0523	October 22, 2013
Submitted comments on CPG RM 10.9 Capping Plan	October 22, 2013
Submitted comments on CPG Draft 2012 Benthic Invertebrate Community Reference Data Report	October 24, 2013
Submitted comments on CPG Field Modification FM-13103-1 for the SSP2 Sampling Event	November 4, 2013
Submitted comments on CPG RM 10.9 Removal Action Water Quality Monitoring: Proposed Monitoring During Capping Operations	November 6, 2013
Submitted comments on CPG RM 10.9 Removal Action Cap Active Layer Monitoring: Approach for Carbon Analysis	November 20, 2013
Submitted comments on the CPG Draft 2012 Sediment Toxicity Reference Data Report, dated October 22, 2013	December 2, 2013
Submitted comments on CPG Periodic Bathymetry Survey, Fall 2011 Post Hurricane Irene Survey Report, dated March 2013, and the 2012 Periodic Bathymetry and Single Beam Survey Report, dated March 2013	December 27, 2013
Submitted comments on CPG Draft Revised Risk Analysis and Risk Characterization Plan, dated October 29, 2013.	January 16, 2014
Submitted comments on CPG Draft 2012 Chemistry Background Data Report, dated October 30, 2013.	January 24, 2014
Submitted comments on CPG Preliminary Draft Interim Conceptual Site Model, submitted on December 20, 2013.	January 24, 2014
Submitted comments on Revised Capping Plan for Geotextile, Armor Stone & Habitat Layer Installation, Revision 10, dated January 31, 2014	February 4, 2014
Submitted Meeting Minutes for February 6, 2014 RI/FS Meeting	February 11, 2014

Title	Date Submitted
Submitted comments on CPG LRC Supplemental Sampling Program Characterization Summary	March 3, 2014
Submitted comments on CPG Draft Dissolved Oxygen Monitoring Program Data Report, dated Sept. 3, 2014	March 21, 2014
Submitted comments on Tierra's Passaic River RM 10.9 Pipeline Survey: Statement of Work	March 21, 2014
Submitted comments on CPG Draft SV CWCM Sampling Program Characterization Summary, dated Feb. 2014	April 1, 2014
Submitted 2011-2013 Chemical Water Column Monitoring, Small Volume Split Sample Data Comparison	April 14, 2014
Submitted Draft Burial and Burrowing Depth of Infaunal Organism from the Passaic River, New Jersey	April 22, 2014
Submitted comments on CPG Draft HV CWCM Sampling Program Characterization Summary, dated Feb. 2014	May 15, 2014
Submitted comments on Tierra RM 10.9 Piping Geophysical Surveys: Parametric Echosounder and Ground Penetrating Radar SOW, QAPP and HASP	May 20, 2014
Submitted comments on Passaic River RM 10.9 Final Armor Layer Survey Technical Memorandum	May 20, 2014